DOCKET NO.: DM-6964-C (BMS-2595)

Application No.: Not yet assigned

Office Action Dated: Preliminary Amendment

This listing of claims will replace all prior versions, and listings, of claims in the application.

PATENT

Listing of Claims:

- 1-9. Canceled.
- 10. (Original) A compound of formula (VI):

$$R^2$$
 $(VI);$

wherein:

r is an integer from 0 to 4;

R¹ is independently selected at each occurrence from the group consisting of:

H, C1-C10 alkyl, C2-C10 alkenyl, C2-C10 alkynyl, C3-C6 cycloalkyl, C4-

C₁₂ cycloalkylalkyl, -NR^{1c}R^{1d}, -OR^{1e}, and -SR^{1e};

 R^{1c} and R^{1d} are independently selected at each occurrence from the group consisting of:

H, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl, C_2 - C_{10} alkynyl, C_3 - C_6 cycloalkyl and C_4 -

C₁₂ cycloalkylalkyl;

alternatively, R^{1c} and R^{1d} are taken together to form a heterocyclic ring selected from the group consisting of:

piperidine, pyrrolidine, piperazine, N-methylpiperazine, morpholine and thiomorpholine, each heterocyclic ring optionally substituted with 1-3 C₁-C₄ alkyl groups;

R^{1e} is independently selected at each occurrence from the group consisting of:

H, C1-C10 alkyl, C3-C6 cycloalkyl, and C4-C6 cycloalkylalkyl;

R² is selected from the group consisting of:

H, C2-C4 alkenyl, C2-C4 alkynyl, C3-C6 cycloalkyl, C4-C10 cycloalkylalkyl, C1-C4

hydroxyalkyl, C₁-C₄ haloalkyl, and C₁-C₄ alkyl substituted with 0-5 R^{2a};

R^{2a} is independently selected at each occurrence from the group consisting of:

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H, C₁-C₁₀ alkyl, C₂-C₁₀ alkenyl, C₂-C₁₀ alkynyl, C₃-C₆ cycloalkyl, C₄-C₁₂ cycloalkylalkyl, halo, CN, C₁-C₄ haloalkyl, -OR^{2e}, and -SR^{2e}; and R^{2e} is independently selected at each occurrence from the group consisting of:

H, C1-C10 alkyl, C3-C6 cycloalkyl, and C4-C6 cycloalkylalkyl.

11. (Original) A compound of formula (I):

$$R^2$$

$$(I)$$

wherein:

r is an integer from 0 to 4;

R¹ is independently selected at each occurrence from the group consisting of:

H, C₁-C₁₀ alkyl, C₂-C₁₀ alkenyl, C₂-C₁₀ alkynyl, C₃-C₆ cycloalkyl, C₄-C₁₂ cycloalkylalkyl, -NR^{1c}R^{1d}, -OR^{1e}, and -SR^{1e};

 R^{1c} and R^{1d} are independently selected at each occurrence from the group consisting of:

H, C₁-C₁₀ alkyl, C₂-C₁₀ alkenyl, C₂-C₁₀ alkynyl, C₃-C₆ cycloalkyl and C₄-C₁₂ cycloalkylalkyl;

alternatively, R^{1c} and R^{1d} are taken together to form a heterocyclic ring selected from the group consisting of:

piperidine, pyrrolidine, piperazine, N-methylpiperazine, morpholine and thiomorpholine, each heterocyclic ring optionally substituted with 1-3 C₁-C₄ alkyl groups;

R^{1e} is independently selected at each occurrence from the group consisting of:

H, C1-C10 alkyl, C3-C6 cycloalkyl, and C4-C6 cycloalkylalkyl;

R² is selected from the group consisting of:

H, C₂-C₄ alkenyl, C₂-C₄ alkynyl, C₃-C₆ cycloalkyl, C₄-C₁₀ cycloalkylalkyl, C₁-C₄ hydroxyalkyl, C₁-C₄ haloalkyl, and C₁-C₄ alkyl substituted with 0-5 R^{2a};

R^{2a} is independently selected at each occurrence from the group consisting of:

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H, C₁-C₁₀ alkyl, C₂-C₁₀ alkenyl, C₂-C₁₀ alkynyl, C₃-C₆ cycloalkyl, C₄-C₁₂ cycloalkylalkyl, halo, CN, C₁-C₄ haloalkyl, -OR^{2e}, and -SR^{2e}; and

R^{2e} is independently selected at each occurrence from the group consisting of:

H, C₁-C₁₀ alkyl, C₃-C₆ cycloalkyl, and C₄-C₆ cycloalkylalkyl.